

MOL Group CHEMICALS

XYLENE

About the product

Xylene is a clear, colourless and highly volatile mixture of xylene isomers with a characteristic odour. Its toxicity is much less compared to benzene. Xylene is flammable at room temperature; therefore it constitutes a fire hazard. It is insoluble in water, but mixes readily with many organic solvents.

Application

It is widely used as a degreasing agent, solvent and thinner for paints and varnishes as well as solvent in combination with other organic compounds in glues and printing inks. It is used as a process chemical in the rubber, adhesives and leather industries, in the formulation of pesticides, as an intermediate in the manufacture of certain polymers, in petroleum distillation, and in histology laboratories.

All handlers of xylene product must fully understand and observe the "Material Safety Data Sheet (MSDS)" to prevent leakage because it is highly flammable and poisonous.

Product quality requirements

Xylene product is produced by MOL Group in Danube Refinery (Százhalombatta, Hungary) and SLOVNAFT Refinery (Bratislava, Slovakia). Their qualities are specified in the following tables:

MOL Refinery:

Property	unit	Test method	Limits	
			Minimum	Maximum
Density at 15 °C	kg/m ³	MSZ EN ISO 12185	860	875
Aromatic hydrocarbons C8	%(m/m)	ASTM D 2306	99	-
Total non aromatics	%(m/m)	ASTM D 2360	-	0.5
Benzene	%(m/m)	ASTM D 2360	-	0.01
Toluene	%(m/m)	ASTM D 2360	-	0.5
Saybolt Colour	-	ASTM D 156	30	-
Sulphur content	mg/kg	ISO/CD 16591	-	0.1
Hydrosulphide	-	ASTM D 853	Negative	
Doctor Test	-	ISO 5275	Negative	
Acid wash colour	-	MSZ 22322	-	6

SLOVNAFT Refinery:

Property	unit	Test method	Limits	
			Minimum	Maximum
Density at 15 °C	kg/m ³	STN EN ISO 12185	863	873
Aromatic hydrocarbons C8	%(m/m)	STN 65 6150	99	-
Total non aromatics	%(m/m)	STN 65 6150	-	0.5
Benzene	%(m/m)	STN 65 6150	-	0.01
Toluene	%(m/m)	STN 65 6150	-	0.1
Hazen Colour	-	STN 65 0340	-	10
Sulphur content	mg/kg	STN EN ISO 20846	-	0.1
Hydrosulphide	-	STN ISO 5275	negative	
Mercaptan sulphur test	-	STN ISO 5275	negative	



Slovnaft

MOL

Commercial information:

Product name	Refinery	Product item	Tariff item	Product ID
Xylene	Slovnaft	L14300	2707 30 90	SN_0203_00
				or its modification
Xylene	MOL	11000444	2707 30 90	MOL_0202_003
				or its modification

Distribution:

road and railtank cars

For further information please contact Your MOL or Slovnaft sales person or contact us

via e-mail: info@molgroupchemicals.com

